

PATENT
32860-001088/US**IN THE U.S. PATENT AND TRADEMARK OFFICE**

Applicant(s): Heike BARLAG et al.

Int'l Application No.: PCT/EP2005/050332

Application No.: NEW

Filed: July 28, 2006

For: ELECTROCHEMICAL TRANSDUCER ARRAY AND USE
THEREOF**INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)**Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314
Mail Stop PCT

July 28, 2006

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

/Steven Rosenwald/ 05/31/2011

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.R./

New PCT National Phase Application
Docket No. 32860-001088/US

- Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. **DOCUMENTS IN THE ENGLISH LANGUAGE**

Some of the attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Many of the documents have been discussed in the PCT Search Report, the PCT Preliminary Examination Report, and/or throughout the specification. The PCT Search Report and PCT Preliminary Examination Report, along with a German translation aid translating key terms into English, indicate the degree of relevance found by the PCT Office, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

c. **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. **OTHER**

The following additional information is provided for the Examiner's consideration.

We note than German Patent Publication No. DE 100 62 173 corresponds to U.S. Publication No. US 2004/0110230

e. **EQUIVALENCY DOCUMENTS**

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IAP12 Rec'd PCT/PTO 28 JUL 2006

New PCT National Phase Application
Docket No. 32860-001088/USFEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By: 
Donald J. Daley, Reg. No. 34,313

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P.O. Box 8910
Reston, Virginia 20195
(703) 668-8000

- Enclosures:
- Form PTO-1449(s)
 - Documents
 - International Search Report (PCT/ISA/210 and PCT/ISA/220)
 - International Preliminary Examination Report (PCT/IPEA/416 and PCT/IPEA/409)
 - Fee
 - Other: German Translation Aid

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³

Receipt date: 07/28/2006

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PTO/SB/08e (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

of

2

Complete if Known

Application Number	<i>NEW</i>
Filing Date	<i>7-28-06</i>
First Named Inventor	Dr. Heike Barlag
Art Unit	<i>UnKnown</i>
Examiner Name	<i>UnKnown</i>

Attorney Docket Number 2004P00205WOUS / WHT / KOE

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ³ (if known)			
1	US-6 489 102 B2		03.12.2002	Wisconsin Alumni Research Foundation	
2	US-2003/0017508 A1		23.01.2003	Chiron Corp.	
3	US-2002/0195345 A1		26.12.2002	3M Innovative Properties Company	
4	US-2001/0007373 A1		12.07.2001		
5	US 2004/1011023 A1		10.6.2004		
6	US 2002/139981 A1		10.3.2002	<i>Young</i>	

FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
7	EP 0 504 196 B1		23.08.1995	Ecosensors Ltd.		
8	DE 297 17 809 U1		16.04.1998	Kurt-Schwabe-Institut für Meß- u. Sensortechnik		x
9	DE 44 22 049 C2		04.01.1996	Knoll, Meinhard, Prof. Dr.		x
10	DE 44 27 921 C2		15.02.1996	Forschungszentrum Jülich GmbH		x
11	DE 199 16 921 A1		19.10.2000	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung eV		x
12	OE 41 31 731 A1		19.05.1993	Dr. Raymond Glocker GmbH		x
13	DE 100 62 173 C1		08.08.2002	Institut für Chemo- und Biosensorik Münster e.V.		x
14	EP 1 304 563 A1		23.04.2003	Infineon Technologies AG		
15	EP 0 193 251 B1		06.03.1991	Ciba Corning Diagnostics Corp.		
16	WO 2004/001404 A1		31.12.2003	Becton, Dickinson and Company		
17	DE 199 29 264 A1		11.01.2001	Knoll, Meinhard, Prof. Dr.		x
18	WO 03/092073 A2		06.11.2003	Alien Technology Corp.		
19	OE 100 09 729 A1		06.09.2001	Gesellschaft für Biotechnologische Forschung mbH		x
20	WO 02/02796 A2		10.01.2002	Inventus Biotec Gesellschaft für innovative Bioanalytik, Biosensoren und Diagnostika MBH & Co. KG		
	WO 03/043945 A	5.30.2003		<i>MSU; Rock Diagnose</i>		

Examiner Signature

/Steven Rosenwald/

Date Considered

05/31/2011

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 end 1.98. The information is required to obtain or retain a benefit by the public which is to file (end by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form end/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETEO FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substituta for form 1449A/PTO		<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	<i>NEW</i>
		Filing Date	<i>7-28-06</i>
		First Named Inventor	Dr. Heike Barlag
		Group Art Unit	<i>Unknown</i>
		Examiner Name	<i>Unknown</i>
Sheet	2	of	2
		Attorney Docket Number	2004P00205WOUS / WHT / KOE

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Signature	/Steven Rosenwald/	Date Considered	05/31/2011
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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